

### **ABSTRACT OF THE DISCLOSURE**

Methods for measuring platelet aggregation in a blood sample, for measuring the efficacy of anti-platelet therapies at the point of care, and for detecting the presence of platelet micro-aggregates in a blood sample. Several differences between the methods of the present invention and previously disclosed procedures for practicing such methods while using a hematology analyzer will allow for achieving about 0.98 correlation relative to light transmission aggregometry. These differences allow the methods of the present invention to be used at the point of care for assessing, e.g., the efficacy of anti-platelet therapy, particularly GPIIb-IIIa antagonists.